

# EAST Search History (8pp)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	21	(US-20060029178-\$ or US-20060039521-\$ or US-20020037066-\$ or US-20030152183-\$).did. or (US-4953191-\$ or US-5034183-\$ or US-4141224-\$ or US-6163587-\$ or US-4309249-\$ or US-4811687-\$ or US-5392319-\$ or US-5848110-\$ or US-5784423-\$ or US-6813330-\$ or US-5118950-\$ or US-5051582-\$ or US-4867939-\$ or US-5976066-\$ or US-4599515-\$ or US-6208704-\$ or US-5949836-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/12/10 20:46
L2	826	((376/156) or (376/158) or (376/190) or (376/191) or (376/192) or (376/194) or (376/195) or (376/196) or (376/197) or (376/198) or (376/199) or (376/201) or (376/202) or (315/502) or (315/503) or (315/504)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/12/10 20:50
L3	0	2 and liquid adj (coolant cooling) near20 (gallium ga)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/10 20:50
L4	0	"376"/\$7.ccls. and liquid adj (coolant cooling) near20 (gallium ga)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/10 20:49
L5	1411	((376/156) or (376/158) or (376/190) or (376/191) or (376/192) or (376/194) or (376/195) or (376/196) or (376/197) or (376/198) or (376/199) or (376/201) or (376/202) or (315/502) or (315/503) or (315/504)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/10 20:50
L6	0	5 and liquid adj (coolant cooling) near20 (gallium ga)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/10 20:50
L7	1	5 and liquid adj (coolant cooling) near20 (gallium ga)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 20:51

## EAST Search History

L8	1	5 and liquid adj (coolant cooling) near20 (gallium "ga")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 20:51
S1	6	((("5392319") or ("5784423") or ("4811687"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/10 09:21
S2	0	S1 and "low Z"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/20 17:36
S3	4	S1 and neutron	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/20 17:42
S4	4	S1 and neutron and target	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/20 18:10
S5	0	S1 and neutron and target and nozzle	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/20 18:10
S6	0	S1 and neutron and target and nozzle	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 18:10
S7	0	liquid adj gallium with cool\$3 with (neutron adj source)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 18:13
S8	0	liquid adj cool\$3 with (neutron adj source)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 18:13
S9	74	cool\$3 with (neutron adj source)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 18:13

## EAST Search History

S10	0	cool\$3 with (neutron adj source) and liquid adj gallium	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 18:14
S11	74	cool\$3 with (neutron adj source)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 18:14
S12	15	cool\$3 with (neutron adj source) and cool\$3 near4 (gallium Ga)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 18:16
S13	0	cool\$3 with (neutron adj source) and cool\$3 near4 (liquid adj (gallium Ga))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 18:15
S14	3	cool\$3 with (neutron adj source) and cool\$3 near4 (gallium Ga) and nozzle	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 18:18
S15	3	cool\$3 with (neutron adj source) and cool\$3 near4 (gallium Ga) and nozzle and cool\$3 near6 (liquid water)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 18:26
S16	3	cool\$3 with (neutron adj source) and cool\$3 near4 (gallium Ga) and nozzle and cool\$3 near6 (liquid water) and (liquid water)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 18:34
S17	447	nozzle near6 (liquid adj coolant)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 18:34
S18	0	nozzle near6 (liquid adj coolant) and neutron adj source	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 18:35
S19	3	nozzle near4 (liquid adj coolant) with target	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 08:50

## EAST Search History

S20	2	("5392319").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 09:18
S21	2	("5493191").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 09:19
S22	2	("4953191").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 09:25
S23	1	"5784423".pn. and gallium	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 09:35
S24	1	"4811687".pn. and gallium	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 09:36
S25	1	"4811687".pn. and gallium	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 12:22
S27	0	"5917874".pn. and gallium	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 13:48
S28	2	"5917874".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 15:27
S29	5	"773943".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 16:32
S30	4	("4141224").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 16:35

## EAST Search History

S31	16	(cooling coolant) near4 (method apparatus system) with \$2radiation near2 target	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 16:44
S32	743	((376/190) or (376/191) or (376/192) or (376/194) or (376/195) or (376/196) or (376/197) or (376/198) or (376/199) or (376/201) or (376/202) or (315/502) or (376/503) or (376/504) or (376/505) or (313/62)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 16:48
S33	0	S32 and (cooling coolant) near3 gallium.ti,ab,clm. and target and neutron and nozzle and (circulat\$3 pump)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 16:50
S34	0	S32 and (cooling coolant) near3 gallium and target and neutron and nozzle and (circulat\$3 pump)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 16:50
S35	0	S32 and (cooling coolant) with (Ga gallium) and target and neutron and nozzle and (circulat\$3 pump)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 16:50
S36	0	S32 and (cooling coolant) same (Ga gallium) and target and neutron and nozzle and (circulat\$3 pump)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 16:50
S37	0	S32 and (cooling coolant) and (Ga gallium) and target and neutron and nozzle and (circulat\$3 pump)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 16:50
S38	3	S32 and (cooling coolant) and (Ga gallium) and target and neutron and nozzle and (circulat\$3 pump)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 18:48
S39	573	((376/100) or (376/106) or (376/913)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 18:50

## EAST Search History

S40	8	S39 and (antimatter anti-matter anti adj matter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 18:51
S49	6	"360582".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/10 09:40
S50	6	"919870".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/10 09:43
S51	2	("5392319").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/10 11:22
S52	4	("4141224").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/10 11:31
S53	2	("4811687").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/10 11:41
S54	2	("4599515").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/10 11:43
S55	0	S54 and (liquid gallium)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/10 11:43
S56	0	liquid near3 (gallium Ga) with coolant and neutron near1 (assembly source)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 11:44
S57	2	liquid near3 (gallium Ga) with coolant and neutron near1 (assembly source)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 12:21

## EAST Search History

S58	1	liquid near3 coolant with submerg\$3 and neutron near1 (assembly source)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 12:31
S59	2	submerged adj jet adj impingement	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 17:49
S60	2	("5784423").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/10 17:51
S61	0	liquid adj gallium and submerged and target	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 17:53
S62	2	liquid adj gallium and submerged and nozzle	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 17:54
S63	84	liquid adj gallium and target	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 18:06
S64	0	liquid adj gallium near20 cooling near20 (neutron near6 target)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 18:07
S65	0	liquid adj gallium near20 cooling near20 (neutron near20 target)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 18:07
S66	0	liquid adj gallium near20 (coolant cooling) near20 (neutron near20 target)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 19:14
S67	2	("5,784,423").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/10 19:14

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	21	(US-20060029178-\$ or US-20060039521-\$ or US-20020037066-\$ or US-20030152183-\$).did. or (US-4953191-\$ or US-5034183-\$ or US-4141224-\$ or US-6163587-\$ or US-4309249-\$ or US-4811687-\$ or US-5392319-\$ or US-5848110-\$ or US-5784423-\$ or US-6813330-\$ or US-5118950-\$ or US-5051582-\$ or US-4867939-\$ or US-5976066-\$ or US-4599515-\$ or US-6208704-\$ or US-5949836-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/12/10 20:46
L2	826	((376/156) or (376/158) or (376/190) or (376/191) or (376/192) or (376/194) or (376/195) or (376/196) or (376/197) or (376/198) or (376/199) or (376/201) or (376/202) or (315/502) or (315/503) or (315/504)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/12/10 20:50
L3	0	2 and liquid adj (coolant cooling) near20 (gallium ga)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/10 20:50
L4	0	"376"/\$7.ccls. and liquid adj (coolant cooling) near20 (gallium ga)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/10 20:49
L5	1411	((376/156) or (376/158) or (376/190) or (376/191) or (376/192) or (376/194) or (376/195) or (376/196) or (376/197) or (376/198) or (376/199) or (376/201) or (376/202) or (315/502) or (315/503) or (315/504)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/10 20:50
L6	0	5 and liquid adj (coolant cooling) near20 (gallium ga)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/10 20:50
L7	1	5 and liquid adj (coolant cooling) near20 (gallium ga)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 20:51



## EAST Search History

L8	1	5 and liquid adj (coolant cooling) near20 (gallium "ga")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 20:52
L9	0	(brandon near1 blackburn).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 20:52
L10	0	((brandon near1 blackburn).in. (massachusetts adj institute adj2 technology mit).as.) and (liquid near1 gallium).clm. and neutron. clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 20:54
S1	6	((("5392319") or ("5784423") or ("4811687"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/10 09:21
S2	0	S1 and "low Z"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/20 17:36
S3	4	S1 and neutron	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/20 17:42
S4	4	S1 and neutron and target	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/20 18:10
S5	0	S1 and neutron and target and nozzle	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/20 18:10
S6	0	S1 and neutron and target and nozzle	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 18:10
S7	0	liquid adj gallium with cool\$3 with (neutron adj source)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 18:13

## EAST Search History

S8	0	liquid adj cool\$3 with (neutron adj source)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 18:13
S9	74	cool\$3 with (neutron adj source)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 18:13
S10	0	cool\$3 with (neutron adj source) and liquid adj gallium	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 18:14
S11	74	cool\$3 with (neutron adj source)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 18:14
S12	15	cool\$3 with (neutron adj source) and cool\$3 near4 (gallium Ga)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 18:16
S13	0	cool\$3 with (neutron adj source) and cool\$3 near4 (liquid adj (gallium Ga))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 18:15
S14	3	cool\$3 with (neutron adj source) and cool\$3 near4 (gallium Ga) and nozzle	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 18:18
S15	3	cool\$3 with (neutron adj source) and cool\$3 near4 (gallium Ga) and nozzle and cool\$3 near6 (liquid water)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 18:26
S16	3	cool\$3 with (neutron adj source) and cool\$3 near4 (gallium Ga) and nozzle and cool\$3 near6 (liquid water) and (liquid water)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 18:34
S17	447	nozzle near6 (liquid adj coolant)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 18:34

## EAST Search History

S18	0	nozzle near6 (liquid adj coolant) and neutron adj source	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 18:35
S19	3	nozzle near4 (liquid adj coolant) with target	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 08:50
S20	2	("5392319").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 09:18
S21	2	("5493191").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 09:19
S22	2	("4953191").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 09:25
S23	1	"5784423".pn. and gallium	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 09:35
S24	1	"4811687".pn. and gallium	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 09:36
S25	1	"4811687".pn. and gallium	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 12:22
S27	0	"5917874".pn. and gallium	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 13:48
S28	2	"5917874".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 15:27

## EAST Search History

S29	5	"773943".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 16:32
S30	4	("4141224").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 16:35
S31	16	(cooling coolant) near4 (method apparatus system) with \$2radiation near2 target	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 16:44
S32	743	((376/190) or (376/191) or (376/192) or (376/194) or (376/195) or (376/196) or (376/197) or (376/198) or (376/199) or (376/201) or (376/202) or (315/502) or (376/503) or (376/504) or (376/505) or (313/62)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 16:48
S33	0	S32 and (cooling coolant) near3 gallium.ti,ab,clm. and target and neutron and nozzle and (circulat\$3 pump)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 16:50
S34	0	S32 and (cooling coolant) near3 gallium and target and neutron and nozzle and (circulat\$3 pump)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 16:50
S35	0	S32 and (cooling coolant) with (Ga gallium) and target and neutron and nozzle and (circulat\$3 pump)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 16:50
S36	0	S32 and (cooling coolant) same (Ga gallium) and target and neutron and nozzle and (circulat\$3 pump)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 16:50
S37	0	S32 and (cooling coolant) and (Ga gallium) and target and neutron and nozzle and (circulat\$3 pump)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 16:50

## EAST Search History

S38	3	S32 and (cooling coolant) and (Ga gallium) and target and neutron and nozzle and (circulat\$3 pump)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 18:48
S39	573	((376/100) or (376/106) or (376/913)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 18:50
S40	8	S39 and (antimatter anti-matter anti adj matter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 18:51
S49	6	"360582".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/10 09:40
S50	6	"919870".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/10 09:43
S51	2	("5392319").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/10 11:22
S52	4	("4141224").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/10 11:31
S53	2	("4811687").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/10 11:41
S54	2	("4599515").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/10 11:43
S55	0	S54 and (liquid gallium)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/10 11:43

## EAST Search History

S56	0	liquid near3 (gallium Ga) with coolant and neutron near1 (assembly source)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 11:44
S57	2	liquid near3 (gallium Ga) with coolant and neutron near1 (assembly source)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 12:21
S58	1	liquid near3 coolant with submerg\$3 and neutron near1 (assembly source)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 12:31
S59	2	submerged adj jet adj impingement	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 17:49
S60	2	("5784423").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/10 17:51
S61	0	liquid adj gallium and submerged and target	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 17:53
S62	2	liquid adj gallium and submerged and nozzle	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 17:54
S63	84	liquid adj gallium and target	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 18:06
S64	0	liquid adj gallium near20 cooling near20 (neutron near6 target)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 18:07
S65	0	liquid adj gallium near20 cooling near20 (neutron near20 target)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 18:07

## EAST Search History

S66	0	liquid adj gallium near20 (coolant cooling) near20 (neutron near20 target)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 19:14
S67	2	("5,784,423").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/10 19:14